**Design and Technology Curriculum Overview**

|  |  |  |  |
| --- | --- | --- | --- |
| **DT** | **Autumn** | **Spring** | **Summer** |
| **Year 1** | **Mechanisms - Sliders and levers**  | **Food - Preparing fruit and vegetables** | **Mechanisms - Wheels and axles** |
| **Year 2** | **Structures - Freestanding structures (Fireworks)** | **Mechanisms - Sliders and levers** | **Textiles - Templates and joining techniques** |
| **Year 3** | **Mechanical Systems - Levers and linkages** | **Textiles - 2-D shape to 3-D product** | **Food - Healthy and varied diet** |
| **Year 4** | **Structures - Shell structures** | **Mechanical Systems - Pneumatics** | **Electrical Systems - Simple circuits and switches** |
| **Year 5** | **Mechanical Systems - Pulleys** | **Textiles - Combining different fabric shapes** | **Food - Celebrating culture and seasonality** |
| **Year 6** | **Mechanical Systems - Cams** | **Electrical Systems - More complex switches and circuits** | **Structures - Frame structures** |